

# Linking People: Developing Collaborative Regional Vocabularies

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**J. Willard Marriott Library**

THE UNIVERSITY OF UTAH

Please take our survey:

<https://www.surveymonkey.com/r/wnafALA2016>

or

<https://goo.gl/J3e1EC>

or

Text @LinkingPeople to 23559

We will share results at end of presentation

# Why?

Metadata problems when collections are aggregated:

- Savage, C. R. (Charles Roscoe), 1832-1909
- Savage, C. R.(Charles Roscoe),1832-1909
- Savage, C.R. (Charles Roscoe)
- Savage, Charles R.
- C. R. Savage (Charles Roscoe Savage and George Ottinger), Pioneer Art Gallery, East Temple Street, Salt Lake City, Utah
- Charles R. Savage
- Savage, Charles Roscoe
- C. R. (Charles Roscoe) Savage, photographer
- Savage, C. R.
- Charles R.

Charles R. Savage,  
perplexed by his  
many name  
variants.



Charles R. Savage  
BYU Digital Collections

<http://contentdm.lib.byu.edu/cdm/ref/collection/Savage2/id/1749>

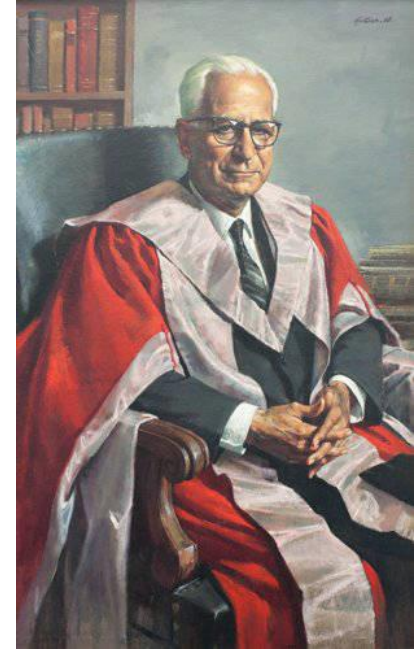
# More metadata, more metadata problems

- Vendor based DAMS often not offering good authority control solutions
- Libraries in Utah often consult additional regional names sources
  - Daughters of Utah Pioneers name index:  
[http://www.dupinternational.org/pioneer\\_index.php](http://www.dupinternational.org/pioneer_index.php)

Last Name	Given Name	Maiden Name	Birth Date	Death Date
Allred	Ellen	Shepherd	12 May 1845	15 Dec 1928
Ashworth	Mary Elizabeth	Shepherd	24 Mar 1854	11 Apr 1932
Bailey	Charlotte	Shepherd	7 May 1848	7 Jul 1937
Barney	Priscilla Ann	Shepherd	4 May 1842	2 Nov 1916
Blackham	Priscille Ann	Shepherd	4 May 1842	20 Sep 1916
Davidson	Lydia	Shepherd	16 Sep 1836	
Derrick	Mary	Shepherd	12 Aug 1812	17 Feb 1886
Hartley	Ellen	Shepherd	9 Dec 1854	27 Oct 1918
Home	Mary Park	Shepherd	13 Nov 1836	28 Apr 1924
Justesen	Sarah Ann	Shepherd	4 Sep 1842	8 Aug 1933
Miller	Ann	Shepherd	8 May 1825	27 Mar 1910

# More metadata, more metadata problems

- Hosting collections for many partners means less control over cataloging practices.
- Use LC Authorities as best we can
  - Not all metadata catalogers are trained to create NACO records
  - Thousands of local names in collections make it difficult to create NACO records
  - Not all names used are within the scope of the LCNAF
  - Difficulties in authority control in non-MARC formats



Aziz S. Atiya (portrait)

<http://content.lib.utah.edu/cdm/ref/collection/mlpac/id/502>

# Local Pilots at Marriott Library

- Pilot project with Backstage Library Works
  - Replicate MARC authority control project in CONTENTdm XML records
  - Updated names when they matched LCNAF
  - Created report of URIs for names that matched
  - Identified lists of names that weren't in LCNAF



Auto racing in Utah: the Gary Dean Brown Collection [374]  
[http://content.lib.utah.edu/cdm/ref/collection/UU\\_Photo\\_Archives/id/51836](http://content.lib.utah.edu/cdm/ref/collection/UU_Photo_Archives/id/51836)

# Local Pilots at Marriott Library

Pilot project using OpenRefine

- Ran some collections used in the Backstage project through OpenRefine
- Tried reconciling both with LCNAF and VIAF
  - In comparing reconciliation services, LCNAF was more efficient for our collections in this pilot, as most were centered around people in the US
  - Still need manual review, clean-up, data entry



Ab Jenkins and man at salt flats, Sept. 1937

Utah Division of State History

<http://content.lib.utah.edu/cdm/ref/collection/USHS-bray/id/2548>

How to start doing regional authority control  
for digital collections?



# IMLS Grant for regional authority control

4 phases:

- 1) investigating data models to express local/regional name authority data using linked data standards
- 2) evaluation of tools used for creating, maintaining, and making this data available
- 3) pilot implementation using the tools investigated in the second phase
- 4) assessment of how this type of authority data can improve digital collection metadata on a local, regional, and national level.



Gadsby Power Plant, Salt Lake City, Utah [427]

[http://content.lib.utah.edu/cdm/ref/collection/UU\\_Photo\\_Archives/id/55220](http://content.lib.utah.edu/cdm/ref/collection/UU_Photo_Archives/id/55220)

# Metadata Review

- Collect and evaluate name data
- Capture baseline analytics
  - How are names currently discoverable in local systems, MWDL, DPLA, and Google?
  - Document needed changes for when WNAF is created



Before Remodeling, Hotel Utah, exterior [03]  
<http://content.lib.utah.edu/cdm/ref/collection/hotelut/id/600>

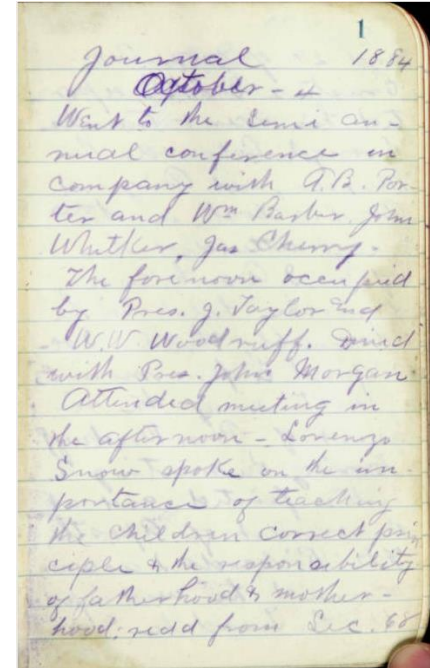
# Data Models: Collaborative Investigation

## Data to capture

- Preferred form of name
- Alternate forms of name
- Local authority source
- Institution holdings (for visualization)
- Relationship information

## Data Models to Explore

- SKOS
- BIBFRAME Authorities
- OWL
- SNAC
- EAC-CPF
- Others?



Diary of B. H. Roberts, 1884-1885, page 1  
<http://content.lib.utah.edu/cdm/ref/collection/uw/id/3069>

# Tools: Collaborative Investigation



Vitro

# Workflow considerations

- Managing vocabulary
- Reconciliation issues
  - Many partners on CONTENTdm
  - Leverage CONTENTdm API?
  - Need external system not tied to specific digital library software/infrastructure
- Explore impact of WNAF on metadata creators and users



Father Liebler and a group of Navajos  
at Hogan Church on Palm Sunday  
Utah American Indian Digital Archive

<http://content.lib.utah.edu/cdm/ref/collection/uaida/id/43414>

# What we're doing currently

- Kick-off meeting with project partners in June
- Advisory Board Meeting in early July
  - Gretchen Gueguen, DPLA
  - Philip Schreur, Stanford
  - Kevin Ford, Art Institute of Chicago, formerly at Library of Congress
  - Eric Miller, Zepheira
- Ready to start collecting and analyzing data
- Begin investigating data models in August
  - EAC-CPF, SKOS, OWL, etc.

# Survey Results: What you are doing

Link to survey, live demo here:

<https://www.surveymonkey.com/results/SM-D295BP8T/>

# Further reading and acknowledgements

Full Grant Narrative

<https://www.ims.gov/grants/awarded/LG-72-16-0002-16>

Project Webpage

<https://sites.google.com/site/westernnameauthorityfile/home>

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